

Workshop introduction

Dear IEC 61400-25 users,

Thanks a lot for your great interest in this very first interoperability workshop on IEC 61400-25.

It has been decided that the interoperability workshop will take place in March 2010, from Tuesday March 23rd until Thursday March 25th both days included. The place is STRI, Ludvika, Sweden. The agenda for the workshop is listed below.

The organization of the workshop is trying to configure an experience useful for all the participants. To fulfill that, the workshop has been divided into several special sessions focused on different information exchange models. In these sessions, all the participants will be able to validate the behavior specified in the different information exchange services of the IEC 61400-25 standard.

At the end of the day, there will be an open session for issue resolution and repetition of the tests needed.

Please note that this agenda is a proposal to organize the workshop. It may vary depending on your needs.

Yours faithfully,

USE61400-25 testing team

Workshop agenda

March 2010, Tuesday 23rd - Association and data access

9:00	9:30	Introduction, STRI presentation.
9:30	10:00	Network configuration, IP addresses assignment, device interconnections.
10:00	12:00	Association services This session includes: - The configuration of the different clients to associate with the different servers. - The detection of the connection lost if the communication channel is broken.
12:00	13:30	Lunch break
13:30	15:30	Basic data access services This session includes: - Validation of services to read and write data values (GetDataValues,SetDataValues)
15:30	17:30	Control services This session includes: - The validation of the direct-control mode. (Operate) - If available, control with enhanced security and select-before-operate services will be validated.
17:30	18:30	Open session IED issue resolutions, bug fixing, configuration changes.

March 2010, Wednesday 24th – Event notifications

8:00	10:00	Report services (Unbuffered) This session includes: - The configuration of URCB. - The transmission of reports by integrity, general interrogation or data change.
10:00	12:00	Report services (Buffered) This session includes: - The configuration of BRCB - The transmission of reports by integrity, general interrogation or data change.
12:00	13:30	Lunch break
13:30	16:30	Advanced services (Logging- Device discovery)(optional) - This session it will be tested the behaviour of the log services(GetLogStatusValues,...) - The self-description services will also be tested (GetServerDirectory-GetLogicalDeviceDirectory,...)
16:30	17:30	Open session
18:00	19:00	Visit to STRI high power laboratory
19:30		Dinner hosted by STRI

March 2010, Thursday 25th – Wind power plant integration

8:00	10:30	Wind power plant integration - Association of all devices. - Reporting of events - Control orders to different servers.
10:30	12:00	System validation and results
12:00	12:45	Workshop conclusions, suggestions, improvements and evaluation of the participants
12:45	13:00	STRI workshop ending